

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Quantitation Report (QT Reviewed)

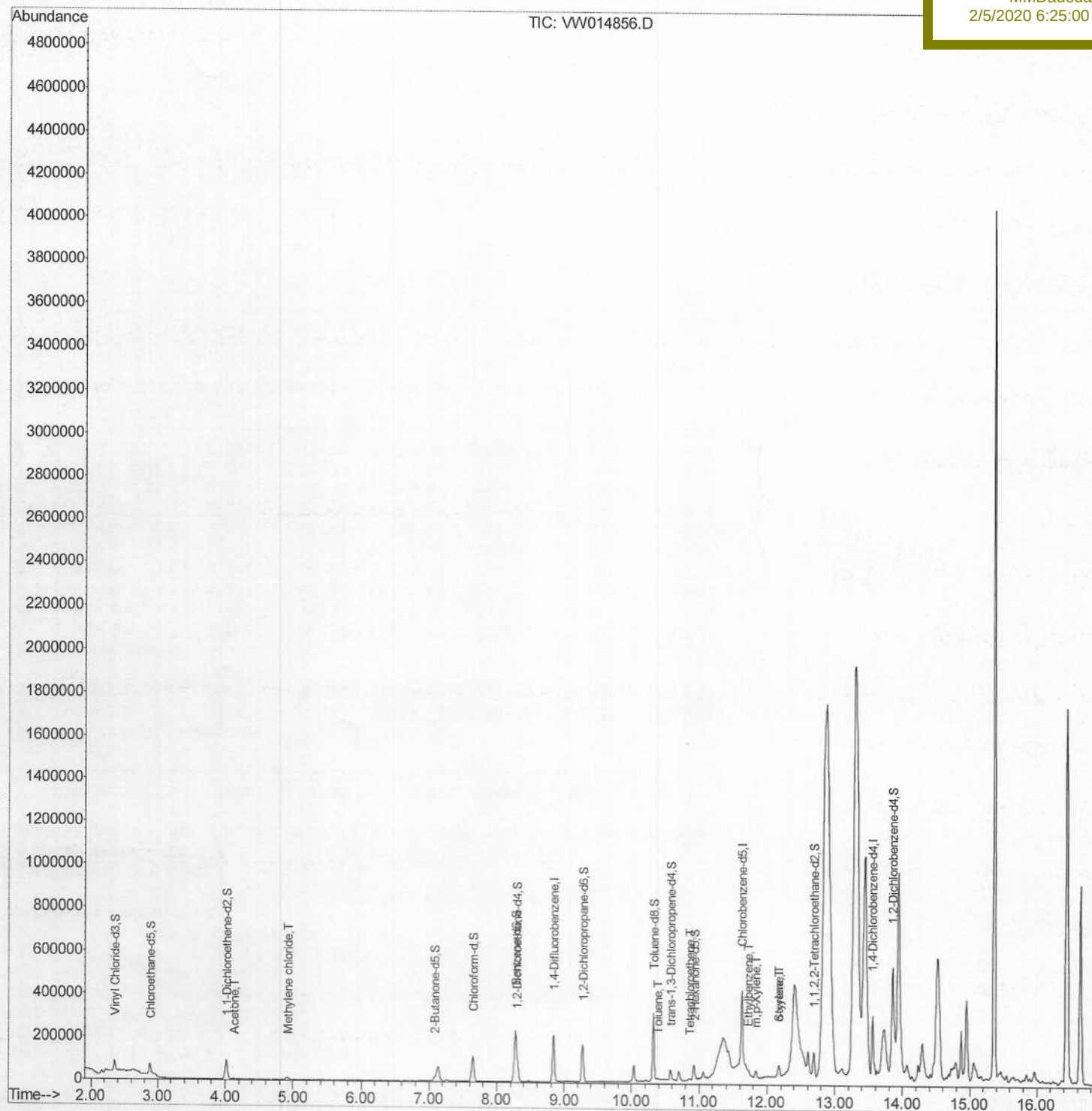
Data File : VW014856.D
Acq On : 04 Feb 2020 12:17
Operator : SY/VA
Sample : L1323-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 04:08:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
GAT57

Manual Integrations
APPROVED

MMDadoda
2/5/2020 6:25:00 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Quantitation Report (Qedit)

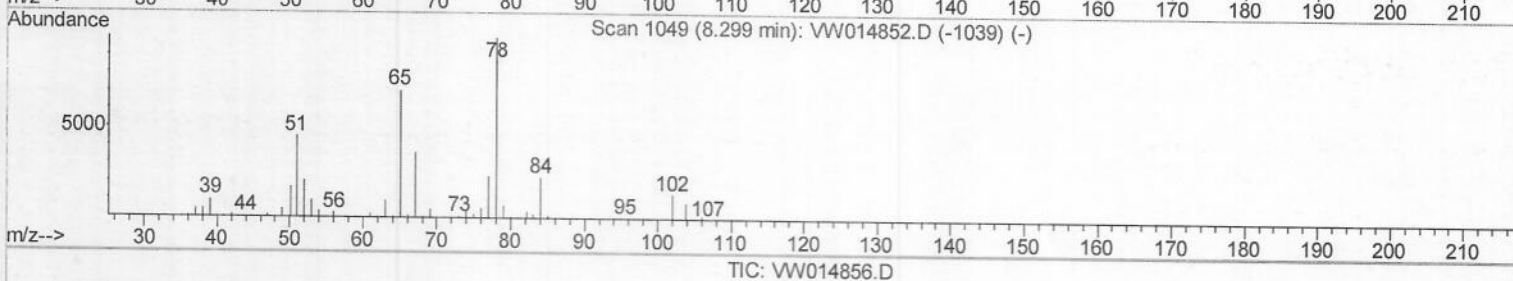
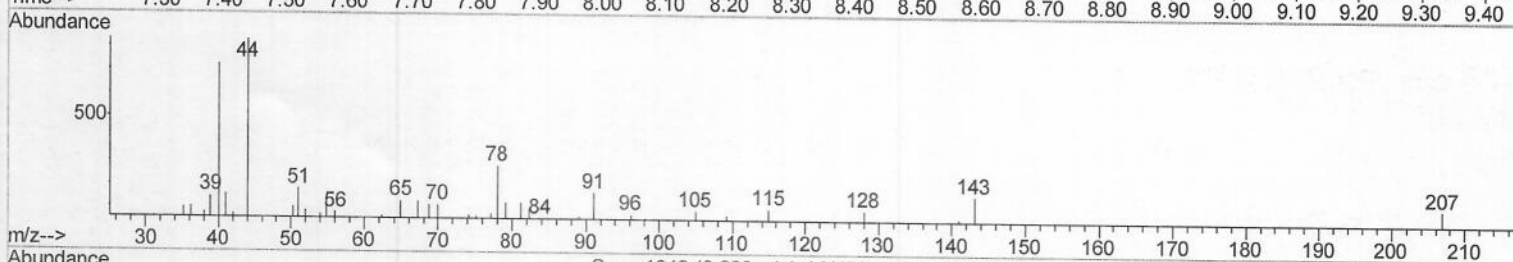
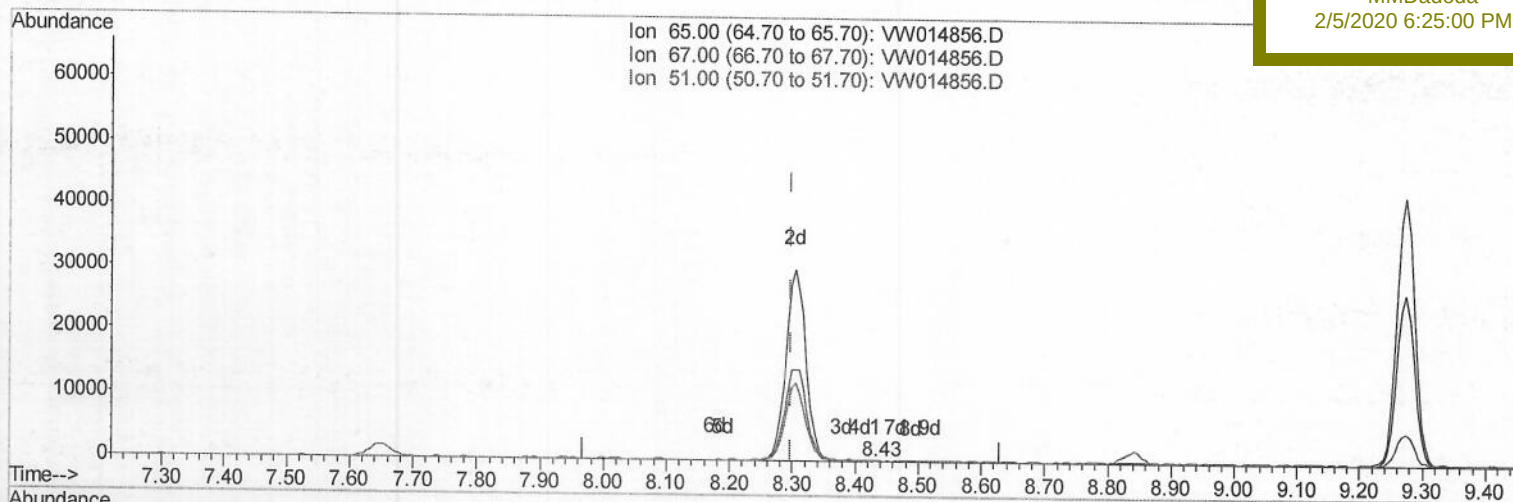
Data File : VW014856.D
Acq On : 04 Feb 2020 12:17
Operator : SY/VA
Sample : L1323-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 03:44:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
GAT57

Manual Integrations
APPROVED

MMDadoda
2/5/2020 6:25:00 PM



(26) 1,2-Dichloroethane-d4 (S)

8.433min (+0.134) 0.06ug/L

response 170

Ion	Exp%	Act%
65.00	100	100
67.00	53.20	58.82
51.00	103.40	78.24
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Quantitation Report (Qedit)

Data File : VW014856.D

Acq On : 04 Feb 2020 12:17

Operator : SY/VA

Sample : L1323-19

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 03:44:24 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M

Quant Title : VOC Analysis

QLast Update : Wed Feb 05 03:41:59 2020

Response via : Initial Calibration

Instrument :

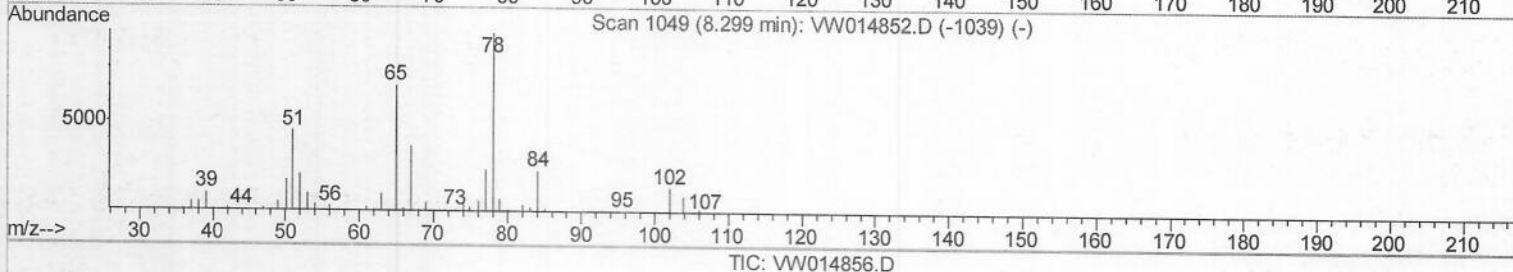
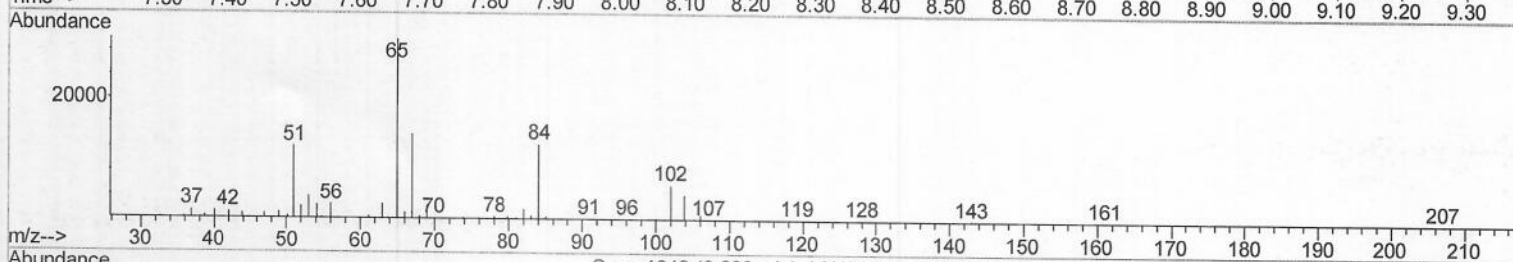
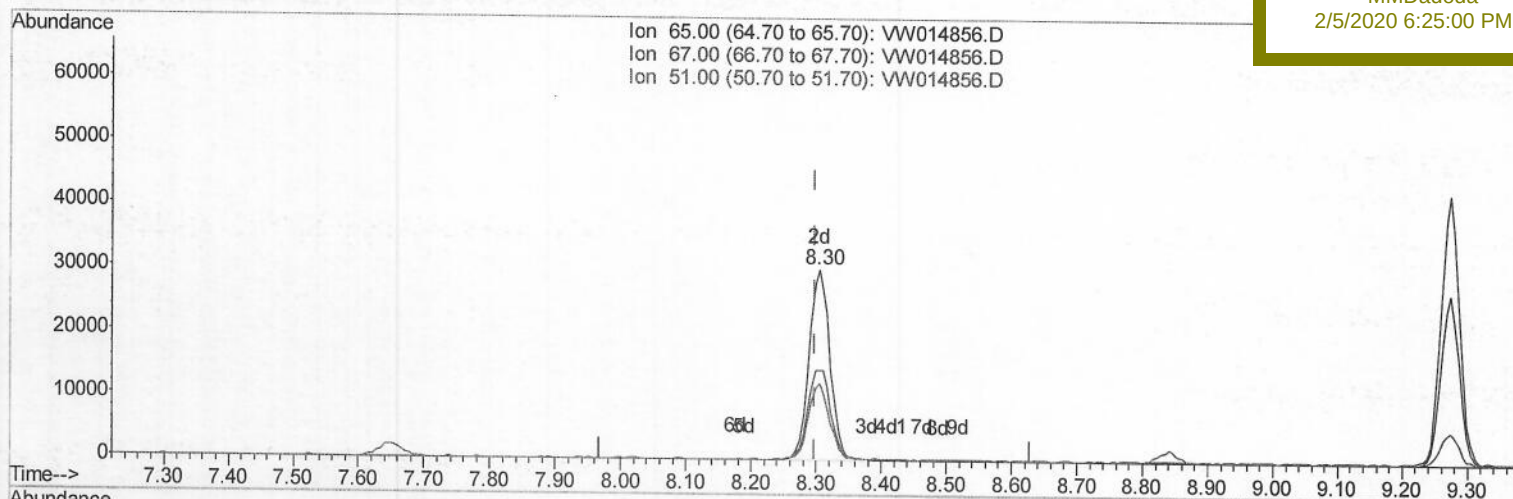
MSVOA_W

Client Sampled :

GAT57

Manual Integrations
APPROVED

MMDadoda
2/5/2020 6:25:00 PM



(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 21.78ug/L m

202/05/2025

response 67224

Ion	Exp%	Act%
-----	------	------

65.00	100	100
-------	-----	-----

67.00	53.20	0.15#
-------	-------	-------

51.00	103.40	0.20#
-------	--------	-------

0.00	0.00	0.00
------	------	------

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Quantitation Report (Qedit)

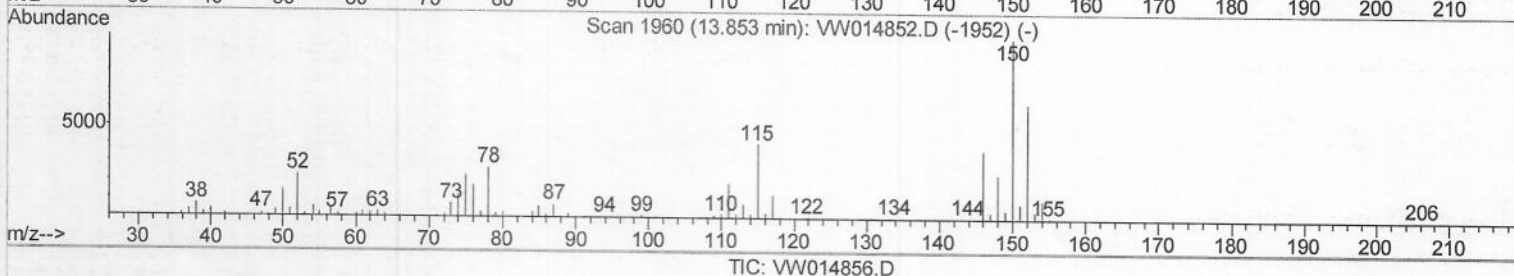
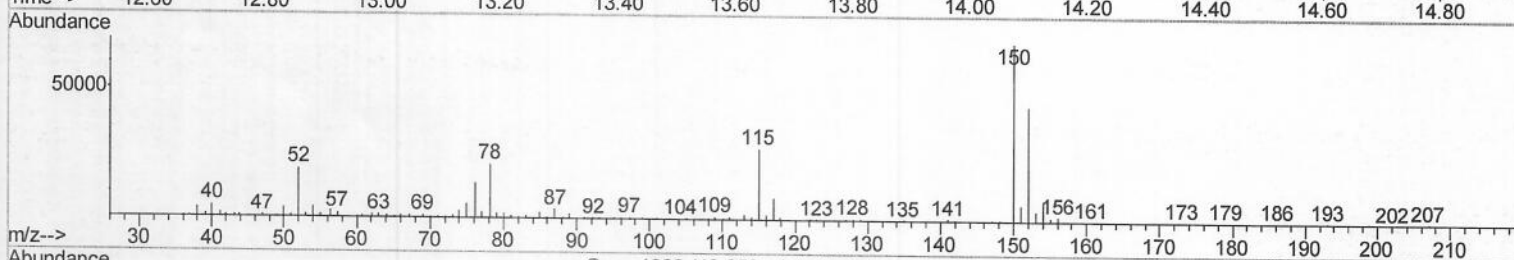
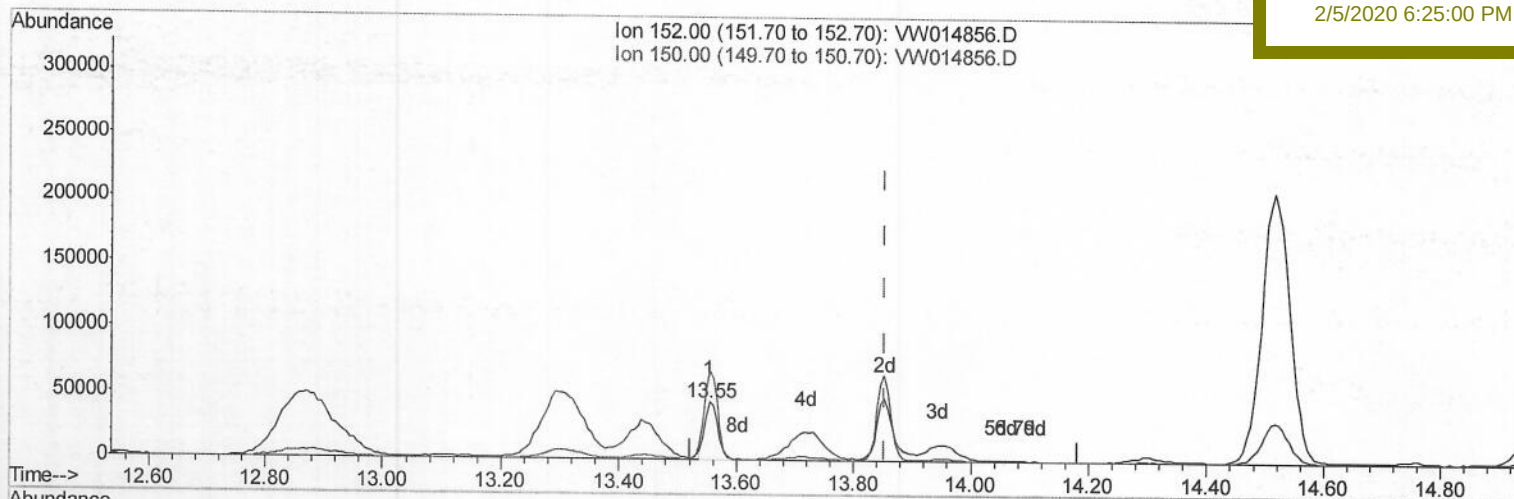
Data File : VW014856.D
Acq On : 04 Feb 2020 12:17
Operator : SY/VA
Sample : L1323-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 03:44:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
GAT57

Manual Integrations
APPROVED

MMDadoda
2/5/2020 6:25:00 PM



(61) 1,2-Dichlorobenzene-d4 (S)

13.554min (-0.299) 22.91ug/L

response 67381

Ion	Exp%	Act%
152.00	100	100
150.00	168.30	156.13
0.00	0.00	0.00
0.00	0.00	0.00

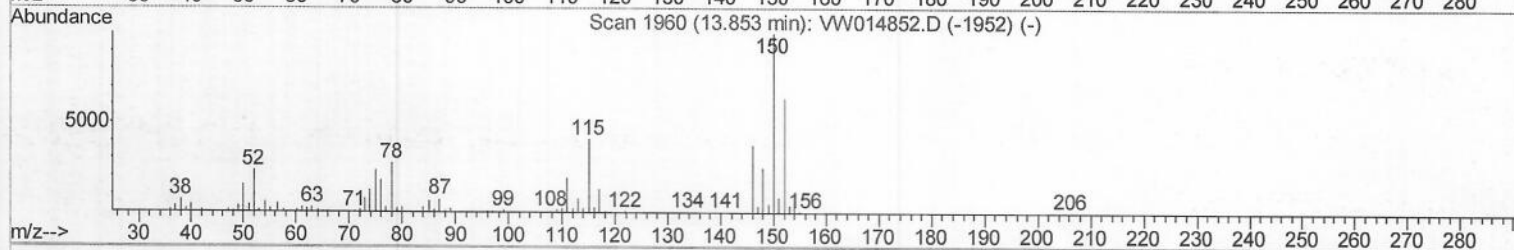
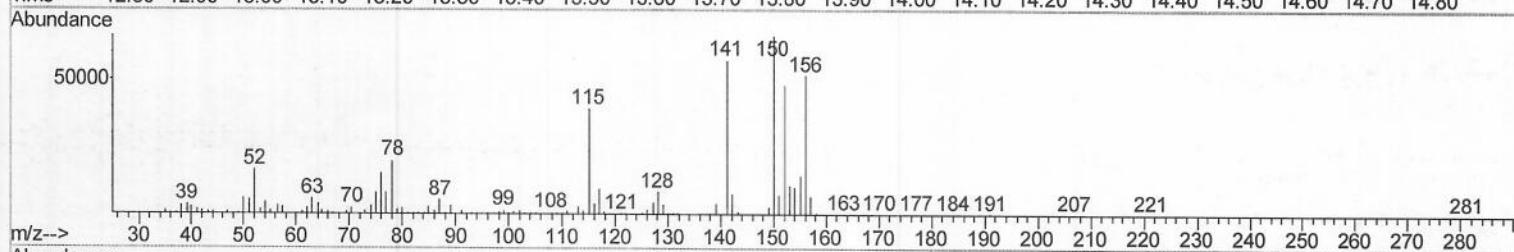
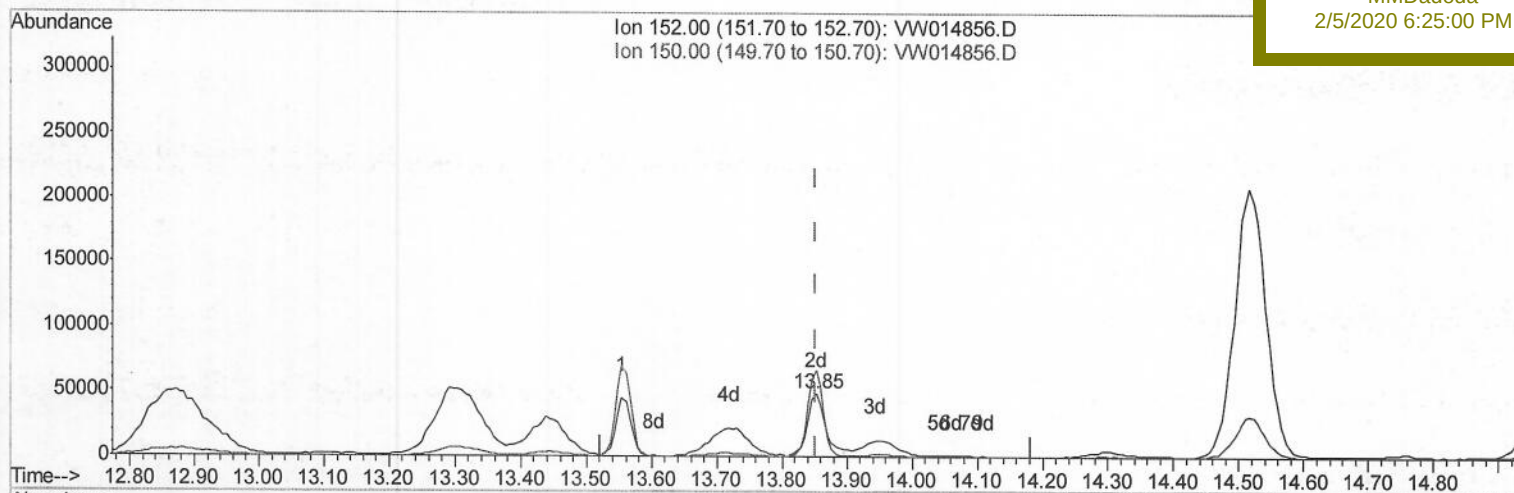
Data File : VW014856.D
Acq On : 04 Feb 2020 12:17
Operator : SY/VA
Sample : L1323-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 03:44:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
GAT57

Manual Integrations
APPROVED

MMDadoda
2/5/2020 6:25:00 PM



TIC: VW014856.D

(61) 1,2-Dichlorobenzene-d4 (S)

13.853min (-0.000) 31.48ug/L m

202/05/2024

response 92602

Ion	Exp%	Act%
152.00	100	100
150.00	168.30	113.61#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW014856.D
Acq On : 04 Feb 2020 12:17
Operator : SY/VA
Sample : L1323-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
GAT57

Quant Time: Feb 05 04:08:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

MM Dadoda
2/5/2020 6:25:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	172469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	177480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	70205	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50899	18.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.36%		
7) Chloroethane-d5	2.88	69	57965	22.44	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.76%		
10) 1,1-Dichloroethene-d2	4.02	63	89125	15.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.12%		
20) 2-Butanone-d5	7.08	46	34905	34.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.76%		
24) Chloroform-d	7.65	84	118884	21.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.60%		
26) 1,2-Dichloroethane-d4	8.30	65	67224m	21.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.12%		
29) Benzene-d6	8.27	84	240285	19.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.84%		
33) 1,2-Dichloropropane-d6	9.27	67	82917	20.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.88%		
37) Toluene-d8	10.32	98	200630	18.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.48%		
38) trans-1,3-Dichloropropene-	10.58	79	26272	16.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.76%		
39) 2-Hexanone-d5	10.93	63	24032	29.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.88%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	57477	17.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.96%		
61) 1,2-Dichlorobenzene-d4	13.85	152	92602m	31.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	125.92%#		

302/05/2019

302/05/2019

Target Compounds

					Qvalue
13) Acetone	4.13	43	7578	6.902	ug/L 68
16) Methylene chloride	4.92	84	7469	2.345	ug/L 97
44) Toluene	10.38	91	6336	0.510	ug/L 94
47) Tetrachloroethene	10.87	164	1780	0.777	ug/L # 78
53) Ethylbenzene	11.73	91	4536	0.337	ug/L 93
54) m,p-Xylene	11.83	106	10919	2.215	ug/L 94
55) o-xylene	12.16	106	6842	1.490	ug/L 77
56) Styrene	12.18	104	18192	2.326	ug/L 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed